

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1	"5661774".pn.	USPAT	OR	OFF	2006/11/08 14:31
S2	975	382/131,132.ccls.	USPAT	OR	OFF	2006/11/06 14:42
S3	23	382/131,132.ccls. and compton	USPAT	OR	OFF	2006/11/07 12:14
S4	13	("4029963" "5132998" "5661774" "4759047" "4884289" "5132988" "5182764" "5247561" "5319547" "5367552" "5490218" "5473657" "6091795").pn.	USPAT	OR	OFF	2006/11/07 18:49
S5	138	compton with image	USPAT	OR	OFF	2006/11/07 16:33
S6	36	(382/???ccls. 250/???ccls.) and compton with image	USPAT	OR	OFF	2006/11/07 16:35
S7	23	382/131,132.ccls. and compton	USPAT	OR	OFF	2006/11/07 18:40
S8	34	S6 not S7	USPAT	OR	OFF	2006/11/07 16:35
S10	4	("4029963" "5132998" "5661774" "4759047" "4884289" "5132988" "5182764" "5247561" "5319547" "5367552" "5490218" "5473657" "6091795").pn. and compton	USPAT	OR	OFF	2006/11/07 19:03
S11	2	("4029963" "5132998").pn.	USPAT	OR	OFF	2006/11/07 19:05
S12	1	"5661774".pn.	USPAT	OR	OFF	2006/11/07 19:05
S13	1	10/622,572	US-PGPUB; USPAT	OR	OFF	2006/11/08 10:26
S14	7	10/611,572	US-PGPUB; USPAT	OR	OFF	2006/11/08 10:27
S15	7	10/611,572	US-PGPUB; USPAT	OR	OFF	2006/11/08 11:38
S16	318	(compton).clm.	US-PGPUB; USPAT	OR	OFF	2006/11/08 11:38
S17	46	(compton with image).clm.	US-PGPUB; USPAT	OR	OFF	2006/11/08 11:39
S18	5	("5430787"   "5841141"   "5861627"   "6323492"   "6791090").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/11/08 11:46
S19	533	250/???ccls. and compton	USPAT	OR	OFF	2006/11/08 14:31
S20	13	("4029963" "5132998" "5661774" "4759047" "4884289" "5132988" "5182764" "5247561" "5319547" "5367552" "5490218" "5473657" "6091795").pn.	USPAT	OR	OFF	2006/11/08 14:46
S21	2645	378/4,7,54,53,62,68,86,87,88.ccls.	USPAT	OR	OFF	2006/11/08 14:47

## EAST Search History

S22	230	378/4,7,54,53,62,68,86,87,88. ccls. and compton	USPAT	OR	OFF	2006/11/08 14:47
S23	31	378/4,7,54,53,62,68,86,87,88. ccls. and compton same reconstruct\$	USPAT	OR	OFF	2006/11/08 14:47


[Search Result - Print Format](#)
[< Back t](#)

**Key:** IEEE JNL = IEEE Journal or Magazine, IEE JNL = IEE Journal or Magazine, IEEE CNF = IEEE Conference, II CNF = IEE Conference, IEEE STD = IEEE Standard

1. **Effect of scattering angle uncertainty compensation in Compton camera reconstruction**  
 Hirasawa, M.; Tomitani, T.;  
 Nuclear Science Symposium Conference Record, 2003 IEEE  
 Volume 5, 19-25 Oct. 2003 Page(s):3186 - 3187 Vol.5  
 IEEE CNF
2. **A comparison of deconvolution and windowed subtraction techniques for scatter compensation in SPECT**  
 Yanch, J.C.; Flower, M.A.; Webb, S.;  
 Medical Imaging, IEEE Transactions on  
 Volume 7, Issue 1, March 1988 Page(s):13 - 20  
 IEEE JNL
3. **Gamma-ray energy-imaging integrated deconvolution**  
 Xu, D.; Zhong He;  
 Nuclear Science Symposium Conference Record, 2005 IEEE  
 Volume 2, 23-29 Oct. 2005 Page(s):882 - 886  
 IEEE CNF
4. **Separation of two radionuclides in simultaneous /sup 123I//sup 99mTc SPECT with artificial neural network**  
 Ishii, M.; Ogawa, K.; Nakahara, T.; Hashimoto, J.; Kubo, A.;  
 Nuclear Science Symposium Conference Record, 2003 IEEE  
 Volume 3, 19-25 Oct. 2003 Page(s):1872 - 1876 Vol.3  
 IEEE CNF
5. **A rebinning technique for 3D reconstruction of Compton camera data**  
 Junqiang Li; Valentine, J.D.; Aarsvold, J.N.; Khamzin, M.;  
 Nuclear Science Symposium Conference Record, 2001 IEEE  
 Volume 4, 4-10 Nov. 2001 Page(s):1877 - 1881  
 IEEE CNF
6. **Breast tumor imaging using a tiltable head SPECT camera**  
 Pieper, B.C.; Bowsher, J.E.; Tornai, M.P.; Peter, G.; Greer, K.; Jaszczak, R.J.;  
 Nuclear Science, IEEE Transactions on  
 Volume 48, Issue 4, Aug. 2001 Page(s):1477 - 1482  
 IEEE JNL
7. **Performance evaluation of Compton based camera for high energy gamma ray imaging**  
 Li Han; Clinthorne, N.H.;  
 Nuclear Science Symposium Conference Record, 2005 IEEE  
 Volume 5, 23-29 Oct. 2005 Page(s):2561 - 2565  
 IEEE CNF
8. **Quantification of two radionuclides in simultaneous /sup 123I//sup 99mTc SPECT with artificial neural networks**  
 Ogawa, K.; Suzawa, K.;  
 Nuclear Science Symposium Conference Record, 2004 IEEE  
 Volume 6, 16-22 Oct. 2004 Page(s):3689 - 3693 Vol. 6  
 IEEE CNF

9. **Influence of mismatched CT anatomy on the accuracy of partial volume compensation in cardiac SPECT perfusion imaging**  
Pretorius, P.H.; King, M.A.; Bruvant, P.P.;  
Nuclear Science Symposium Conference Record, 2004 IEEE  
Volume 5, 16-22 Oct. 2004 Page(s):3213 - 3216 Vol. 5  
IEEE CNF
10. **Iterative Energy Spectrum Deconvolution (IESD): a new technique for significantly improving the effective energy resolution of gamma camera**  
Hsu, B.-L.; Case, J.A.; Cullom, S.J.; Bateman, T.M.;  
Nuclear Science Symposium Conference Record, 2003 IEEE  
Volume 4, 19-25 Oct. 2003 Page(s):2352 - 2355 Vol.4  
IEEE CNF
11. **Quantitative image reconstruction in simultaneous  $^{123}\text{I}$ / $^{99\text{m}}\text{Tc}$  myocardial SPECT**  
Yamada, N.; Ogawa, K.;  
Nuclear Science Symposium Conference Record, 2001 IEEE  
Volume 4, 4-10 Nov. 2001 Page(s):2199 - 2203  
IEEE CNF
12. **Evaluation of projection pixel-dependent and pixel-independent scatter correction in SPECT**  
Smith, M.F.; Floyd, C.E., Jr.; Jaszczak, R.J.; Coleman, R.E.;  
Nuclear Science Symposium and Medical Imaging Conference, 1991., Conference Record of the 1991 IEEE  
2-9 Nov. 1991 Page(s):1782 - 1788 vol.3  
IEEE CNF
13. **An improvement of Compton scatter imaging with wide aperture detectors a Monte Carlo study**  
Lee, H.; Kenney, E.S.;  
Nuclear Science, IEEE Transactions on  
Volume 38, Issue 2, Apr 1991 Page(s):812 - 827  
IEEE JNL
14. **A practical method for position-dependent Compton-scatter correction in single photon emission CT**  
Ogawa, K.; Harata, Y.; Ichihara, T.; Kubo, A.; Hashimoto, S.;  
Medical Imaging, IEEE Transactions on  
Volume 10, Issue 3, Sept. 1991 Page(s):408 - 412  
IEEE JNL
15. **Evaluation of projection pixel-dependent and pixel-independent scatter correction in SPECT**  
Smith, M.F.; Floyd, C.E., Jr.; Jaszczak, R.J.; Coleman, R.E.;  
Nuclear Science, IEEE Transactions on  
Volume 39, Issue 4, Aug 1992 Page(s):1099 - 1105  
IEEE JNL
16. **Maximum-likelihood reconstruction of transmission images in emission computed tomography via the EM algorithm**  
Ollinger, J.M.;  
Medical Imaging, IEEE Transactions on  
Volume 13, Issue 1, March 1994 Page(s):89 - 101  
IEEE JNL
17. **Imaging gamma-ray sources with a Compton Double Scatter telescope using the Expectation Maximization Maximum Likelihood (EMML) technique**  
Sarmouk, A.; Zych, A.D.; O'Neill, T.; White, R.S.; Tumer, O.T.;  
Nuclear Science, IEEE Transactions on  
Volume 41, Issue 4, Aug 1994 Page(s):1349 - 1353  
IEEE JNL

- 18. Energy-spectral Compton scatter imaging. I. Theory and mathematics**  
Arendtsz, N.V.; Hussein, E.M.A.;  
Nuclear Science, IEEE Transactions on  
Volume 42, Issue 6, Dec. 1995 Page(s):2155 - 2165  
IEEE JNL
- 19. Reduction of truncation artifacts in fan beam transmission by using parallel beam emission data**  
Tin-Su Pan; King, M.A.; Penney, B.C.; Rajeevan, N.; Der-Shan Luo; Case, J.A.;  
Nuclear Science, IEEE Transactions on  
Volume 42, Issue 4, Aug 1995 Page(s):1310 - 1320  
IEEE JNL
- 20. Detector efficiency and Compton scatter in fully 3D PET**  
Ollinger, J.M.;  
Nuclear Science, IEEE Transactions on  
Volume 42, Issue 4, Aug 1995 Page(s):1168 - 1173  
IEEE JNL
- 21. Effects of internal scattering on X-ray microtomography image reconstruction**  
Kalukin, A.R.;  
Nuclear Science, IEEE Transactions on  
Volume 44, Issue 2, April 1997 Page(s):142 - 147  
IEEE JNL
- 22. Quantitative <sup>131</sup>I SPECT with triple energy window Compton scatter correction**  
Dewaraja, Y.; Jia Li; Koral, K.;  
Nuclear Science, IEEE Transactions on  
Volume 45, Issue 6, Dec. 1998 Page(s):3109 - 3114  
IEEE JNL
- 23. Fast algorithm for list mode back-projection of Compton scatter camera data**  
Wilderman, S.J.; Rogers, W.L.; Knoll, G.F.; Engdahl, J.C.;  
Nuclear Science, IEEE Transactions on  
Volume 45, Issue 3, June 1998 Page(s):957 - 962  
IEEE JNL
- 24. Quantitative evaluation of information loss for Compton cameras**  
Hua, C.H.; Clinthorne, N.H.; Wilderman, S.J.; LeBlanc, J.W.; Rogers, W.L.;  
Nuclear Science, IEEE Transactions on  
Volume 46, Issue 3, June 1999 Page(s):587 - 593  
IEEE JNL
- 25. A differential attenuation method for simultaneous estimation of SPECT activity and attenuation distribution**  
Kaplan, M.S.; Haynor, D.R.; Vija, H.;  
Nuclear Science, IEEE Transactions on  
Volume 46, Issue 3, June 1999 Page(s):535 - 541  
IEEE JNL